

SHAIL SHAH



PYTHON DEVELOPER

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SUMMARY

Associate Software Engineer with around 1.5 years of experience at TCS, working on application support, UI migration, automated testing, and minor Java enhancements. Hands-on experience in Python, Django-based web applications, AWS fundamentals, and Generative AI projects. Strong interest in backend development, cloud technologies, and AI-driven solutions. Actively upskilling in software development and problem-solving.

WORK EXPERIENCE

Tata Consultancy Services
Gandhinagar, Gujarat, India
Aug 2024 – Present

Assistant System Engineer

- Worked on application support and maintenance for enterprise-level applications including multiple Scotland Government websites.
- Fixed minor Java bugs and enhanced existing modules under senior developer guidance.
- Contributed to UI migration activities to improve usability and responsiveness.
- Assisted in automated UI testing using Playwright to validate functionality.
- Used AI tools to analyze logs and accelerate issue resolution.
- Collaborated with cross-functional teams and international stakeholders (UK/Scotland project) to deliver fixes within SLA timelines.

WeHear
Ahmedabad, Gujarat, India
Feb 2024 – Apr 2024

Applied AI Intern

- Worked on applied AI research for speech and language technologies focused on hearing-assist applications.
- Explored and evaluated speech-to-text, text-to-speech, and language translation models, with emphasis on regional language support (Gujarati).
- Performed experimentation, API integration, and feasibility analysis to align AI capabilities with product requirements.

EDUCATION

Government Engineering College
Gandhinagar, Gujarat, India
Jul 2022 – May 2024

Bachelors in Computer Engineering

Studied core computer engineering subjects including Python programming, DBMS, Operating Systems, Computer Networks, AI and ML concepts.

SKILLS

- **Programming Languages:** · Python · Java (Very Basic)
- **Web & Backend:** · Django · REST APIs (Basic) · HTML, CSS (Basic), Bootstrap
- **Cloud:** · AWS Fundamentals
- **Testing & Automation:** · Playwright (Basic UI Automation)

- **AI & GenAI:** · Generative AI (Prompt Engineering, API Usage)
- **Tools & Version Control:** · SVN (Basic) · Git (Basic) · Postman
- **Databases:** · PostgreSQL · MongoDB
- **Others...:** · Redis · FastAPI · Web Scraping

PROJECTS

Shridhar-Enterprise-Pvt-Ltd

E-commerce platform built with Django for wholesale distribution. Retailers and shop owners can order healthy and tasty edible products directly from the company. Designed for fast ordering, secure payments, and efficient inventory management.

Restaurant_Name_Generator

This Streamlit application generates restaurant names and menu items based on selected cuisines. It utilizes Google's Generative AI models through the LangChain framework to provide creative suggestions.

Wine_Quality_Prediction-SVM-

Built a machine learning model to predict white wine quality based on physicochemical properties. Performed data analysis, feature exploration, and trained an SVM classifier using Python. Evaluated wine quality patterns to understand feature impact on quality.

CERTIFICATIONS

[AWS.com/SkillBuilder/Shail](https://www.aws.com/skillbuilder/shail)

AWS Cloud Quest, Amazon Web Services

Cloud Practitioner - Trained Badge

[greatlearning.com/
blockchain](https://greatlearning.com/blockchain)

Blockchain Basics, Great Learning

[linkedin.com/skilljar/Shail](https://www.linkedin.com/skilljar/shail)

LinkedIn Certified Marketing Insider, LinkedIn

VOLUNTEERING

Narendra Modi Stadium,
Ahmedabad, Gujarat

Akhil Bharatiya Terapanth Yuvak Parishad

Blood Donation Camp Volunteer

Vatrak
Hospital, Sabarkantha,
Gujarat

Company Volunteer, WeHear

Teaching needy people about Bone Conduction Technology & how to operate WeHear Hearing Aid device.